

Claims

1. A composition comprising;

(i) a hydrocarbyl functional organopolysiloxane comprising a siloxy unit of the

5 formula $R^1 R_a SiO_{(3-a)y/2}$ wherein

R is a monovalent hydrocarbon group,

R^1 is a hydrocarbyl group having the formula $-R^2 OCH_2 CH_2 OH$,

R^2 is a divalent hydrocarbon group containing 2 to 6 carbon atoms,

a is zero to 2; and

10 (ii) a sunscreen agent.

2. The composition of claim 1 wherein the hydrocarbyl functional organopolysiloxane contains 10 to 20 mass percent of the R^1 hydrocarbyl group.

15 3. The composition of claim 1 wherein the hydrocarbyl functional organopolysiloxane is a polydiorganosiloxane having a formula selected from the group:

$R_3 SiO(RR^1SiO)_y SiR_3$,

$R_3 SiO(R_2SiO)_x(RR^1SiO)_y SiR_3$,

$R^1R_2SiO(R_2SiO)_xSiR_2R^1$,

20 $R^1R_2SiO(RR^1SiO)_zSiR_2R^1$,

$R^1R_2SiO(R_2SiO)_x(RR^1SiO)_zSiR_2R^1$,

$R^1R_2SiO(R_2SiO)_xSiR_3$,

$R^1R_2SiO(RR^1SiO)_zSiR_3$,

$R^1R_2SiO(R_2SiO)_x(RR^1SiO)_zSiR_3$, and cyclic siloxanes of the formula

25 $-(Me_2SiO)_m(MeR^1SiO)_n-$

where

R is an alkyl, cycloalkyl, alkenyl, aralkyl, or an aryl group containing 1-20 carbon atoms;

R^1 is $-(CH_2)_3OCH_2CH_2OH$;

x is 1-500, y is 1-40, z is 1-40, m is 1-6, n is 1-6, and the sum of $m + n$ is 3-12.

4. The composition of claim 3 wherein R is methyl.

5. The composition of claim 3 wherein the polydiorganosiloxane has the formula



5 where R¹ is -(CH₂)₃OCH₂CH₂OH and x is 1-100.

6. The composition of claim 5 wherein x is 5-50.

7. The composition of claim 5 wherein x is 10-20.

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8. The composition of claim 1 wherein the sunscreen agent is an UV light absorbing organic compound.

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9. The composition of claim 1 wherein the sunscreen agent is selected from a cinnamate based organic compound.

10. The composition of claim 1 wherein the sunscreen agent is octyl methoxycinnamate.

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11. A composition according to Claim 1 further comprising (iii) at least one cosmetic, household care, or health care active ingredient selected from the group consisting of antiacne agents, anticaries agents, antidandruff agents, antifungal agents, antimicrobial agents, antioxidants, antiperspirant agents, cosmetic biocides, deodorant agents, external analgesics, oral care agents, oral care drugs, oxidizing agents, reducing agents, skin bleaching agents, skin protectants, sunscreen agents, UV light absorbing agents, pigments, moisturizers, vitamins, enzymes, optical brighteners, fabric softening agents, and surfactants .

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12. A product containing the composition of Claim 1 selected from the group consisting of hairsprays, shampoos, mousses, styling gels, styling lotions, cream rinses, conditioners, hair tonics, hair dyes, hair colorants, permanent waves, bleaches, hair cuticle coats, skin cleansers, moisturizers, lipsticks, eye makeup, fingernail polish, suntan products, antiperspirants, deodorants, depilatories, household waxes, polishes, heavy duty liquid cleaners, light duty liquid cleaners, fabric softeners, laundry detergents, ironing aids, and window cleaners.

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13. A method of treating hair or skin comprising applying to hair or skin the composition of claim 1.

14. A method of improving the SPF value of a sunscreen agent comprising mixing the
5 sunscreen agent with a hydrocarbyl functional organopolysiloxane comprising a siloxy unit of the formula $R^1 R_a SiO_{(3-a)2}$ wherein

R is a monovalent hydrocarbon group,

R^1 is a hydrocarbyl group having the formula $-R^2 OCH_2 CH_2 OH$,

R^2 is a divalent hydrocarbon group containing 2 to 6 carbon atoms,

10 a is zero to 2.